

DEFEND AT THE CORE WITH BUILT-IN SECURITY AND RESILIENCE



THE PROBLEM

Ransomware attacks are an increasingly prevalent and sophisticated threat to organizations of all sizes. These malicious attacks encrypt valuable data and demand payment for its release, often causing significant financial losses and operational disruptions. Although many businesses focus on network and endpoint security, it's crucial not to overlook the importance of securing the storage layer where data resides.

THE SOLUTION

NetApp® Autonomous Ransomware Protection (ARP/AI) leverages advanced AI to detect and respond to ransomware anomalies in real time across primary storage for both file and block workloads, as well as native cloud environments.

This capability is reinforced by NetApp's built-in security features, including multi-layered access controls, encryption at rest and in transit, secure authentication, role-based access, and immutable snapshots for tamper-proof backups.

Top reasons why NetApp is the most secure storage on the planet:

ARP/AI automatically creates tamperproof NetApp Snapshot™ copies at the first sign of an attack, slashing recovery time from days to minutes. Achieve 99% accuracy that's independently validated.

- 1 Ransomware defense that's built in, not bolted on
- 2 Malicious file blocking
- 3 Encryption at rest and in flight
- 4 Multifactor authentication and multi-admin verification
- 5 Immutable NetApp Snapshot technology



SECURITY IS IN OUR DNA

Did you know? NetApp offers the only enterprise storage that's validated by the U.S. National Security Agency Commercial Solutions for Classified (CSfC) Program to store top-secret data.

Where NetApp adds value

- ✓ Get primary storage with built-in threat protection.
- ✓ Encrypt all your data, all the time.
- ✓ Enhance user security and reduce risk.
- ✓ Restore critical data in seconds.
- ✓ Minimize downtime and disruption.



Only NetApp offers



NetApp enables a comprehensive cyber defense at the storage layer, going beyond backups with detection on primary storage. With NetApp storage, you get unyielding data integrity. Go beyond a password and enhance user security and reduce the risk of unauthorized access. Create immutable, indelible backups that ransomware can't touch. Restore your critical data in seconds with point-in-time copies, minimizing downtime and disruption.

Additional learning

[Start with a security assessment](#)



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About NetApp

NetApp is the intelligent data infrastructure company, combining unified data services, and CloudOps solutions to turn a world of disruption into opportunity for every customer. NetApp creates silo-free infrastructure, harnessing observability and AI to enable the industry's best data management. As the only enterprise-grade storage service natively embedded in the world's biggest clouds, our data storage delivers seamless flexibility. In addition, our data services create a data advantage through superior cyber resilience, governance, and application agility. Our CloudOps solutions provide continuous optimization of performance and efficiency through observability and AI. No matter the data type, workload, or environment, with NetApp you can transform your data infrastructure to realize your business possibilities. www.netapp.com